

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT :** Jonathan S. Stamler  
**SERIAL NUMBER. :** 09/977,693      **EXAMINER :** Walter Schlapkohl  
**FILING DATE :** October 16, 2001      **ART UNIT :** 1636  
**FOR :** PROTEOMIC INTERACTION AND GENOMIC ACTION DETERMINATIONS  
IN THE PRESENCE OF ASSOCIATED REDOX STATE CONDITIONS

**MAIL STOP AF**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO THE FINAL OFFICE ACTION DATED**  
**JUNE 1, 2007**

In response to the Final Office Action mailed June 1, 2007, Applicant submits this Amendment and Response. This response should be timely if filed on or before September 4, 2007. Entry and consideration of this Amendment is respectfully requested. Applicant believes no further fee is due at this time; however, the Commissioner is authorized to charge any additional fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311, Reference No. 24862-503, Customer No. 30623.

**Amendments to the claims** are shown in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.